



Summary of May 29-30 Sediment Workshop

Prepared for TAMWG 6/19/03

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Agenda Topics

- Establishing a Sediment Technical Workgroup
- Watershed restoration
- Potential USGS collaboration on sediment monitoring research
- Coarse sediment management plan
- GSTARS sediment routing model



Outcomes



Watersheds

- Watershed assessment separate from SEIS process
- Develop plan in FY04 for a TR basin-wide watershed assessment
- Scope of USFS watershed assessment of Rush Creek (FY04) could be expanded



Sediment Budget

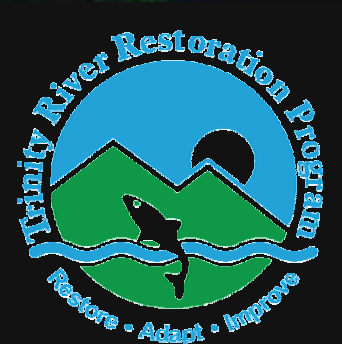
- Provides framework for monitoring and management
- Comprehensive (coarse material, sands, and fines)
- Measure all components (input, output, and storage) to help assess uncertainty.
- Calculate annually





Sediment Monitoring

- Additional monitoring (bathymetry, substrate, pool volumes, etc.) needed
- Need to formalize monitoring protocols, QA/QC, data storage, analysis, and reporting
- Mainstem sediment trap (pool) would be useful in quantifying bedload transport
- Should summarize sediment data collected to date, including uncertainty
- Tie sediment monitoring to fish habitat



Potential USGS research collaboration

- Used to test new sampling technologies
- Sampling bias in bed material sampling and bedload measurements
- Could improve calculation of sediment budget and overall understanding of transport
- Concept still needs development
- Informal collaboration planned in FY04



Sediment Modeling

- GSTARS is an appropriate model for TRRP needs
- Extend model from Lewiston dam to Weaver Creek
- Sediment monitoring to include modeling needs



Coarse Sediment Management Plan

- Is one component of overall management plan
- Include review of TR augmentations and other similar programs in CA
- Long term augmentation may not need to be conducted annually
- Questioned need to inject gravel prior to completion of plan



Sediment Workgroup

- Provided input, review, and evaluation beneficial for TRRP and cooperators
- More effective if stakeholder input obtained prior to workgroup meeting

